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PTO/SB/50 (02-01)

Applicable for use through 01/31/2004. OMB 0651-0033

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REISSUE PATENT APPLICATION TRANSMITTAL

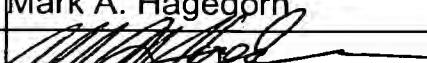
Address to: Assistant Commissioner for Patents Box Reissue Washington, DC 20231	Attorney Docket No.	0602-1370.1
	First Named Inventor	Pierse, M.
	Original Patent Number	5,996,431
	Original Patent Issue Date (Month/Day/Year)	12/07/1999
	Express Mail Label No.	EL 768 581 020 US

APPLICATION FOR REISSUE OF: ☒ **Utility Patent** ☐ **Design Patent** ☐ **Plant Patent**
(Check applicable box)

APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/ SB/ 56) (Submit an original, and a duplicate for fee processing)	10. <input type="checkbox"/> Statement of status and support for all changes to the claims. See 37 CFR 1.173 (c).
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	11. <input checked="" type="checkbox"/> Original U.S. Patent for surrender
3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format (amended, if appropriate)	<input checked="" type="checkbox"/> Ribbioned Original Patent Grant
4. <input checked="" type="checkbox"/> Drawing(s) (proposed amendments, if appropriate)	<input type="checkbox"/> Statement of Loss (PTO/SB/55)
5. <input checked="" type="checkbox"/> Reissue Oath/Declaration (original or copy) (37 C.F.R. § 1.175) (PTO/SB/51 or 52)	12. <input checked="" type="checkbox"/> Foreign Priority Claim (35 U.S.C. 119) (if applicable)
6. <input checked="" type="checkbox"/> Power of Attorney	13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
7. Original U.S. Patent currently assigned? <input type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, check applicable box(es))	14. <input type="checkbox"/> English Translation of Reissue Oath/Declaration (if applicable)
<input checked="" type="checkbox"/> Written Consent of all Assignees (PTO/SB/53)	15. <input type="checkbox"/> Preliminary Amendment
<input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)	16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table	17. Other: _____
9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all of the following are necessary)	
a. <input type="checkbox"/> Computer Readable Form (CRF)	
b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM (2 copies) or CD-R (2 copies); or ii. <input type="checkbox"/> paper	
c. <input type="checkbox"/> Statements verifying identity of above copies	


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Signature		Date	11/30/2001

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REISSUE APPLICATION FEE TRANSMITTAL FORM						Docket Number (Optional) 0602-1370.1	
Claims as Filed - Part 1							
Claims in Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity	
(A)	(B)	(C)	(D)	Rate	Fee	Rate	Fee
17	17	0	0	x \$ 9 =	\$0	x \$ 18 =	\$0
1	1	0	0	x \$ 42 =	\$0	x \$ 84 =	\$0
Basic Fee (37 CFR 1.16(h))					\$370	\$740	
Total Filing Fee					\$370	\$740	
Claims as Amended - Part 2							
(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
Total Claims (37 CFR 1.16(j))	MINUS	**	*	Rate	Fee	Rate	Fee
***	MINUS	**	*	x \$ 9 =	\$0	x \$ 18 =	\$0
Independent Claims (37 CFR 1.16(i))	MINUS	*****	=	x \$ 42 =	\$0	x \$ 84 =	\$0
Total Additional Fee					\$0	OR \$0	
<p>If the entry in (D) is less than the entry in (C), Write "0" in column 3.</p> <p>* If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.</p> <p>** After any cancellation of claims.</p> <p>*** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).</p> <p>***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. <u>12-0913</u>. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> A check in the amount of \$ <u>740</u> to cover the filing / additional fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p>							
<p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>							
<p><u>Nov. 30, 2001</u> Date</p>				<p> Signature of Applicant, Attorney or Agent of Record</p> <p><u>Mark A. Hagedorn</u> Typed or printed name</p>			

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EL 768 581 020 US

Date of deposit: November 30, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327 Arlington, VA 22202

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE THE REISSUE APPLICATION OF)

Michael George PIERSE)

) Examining Attorney: To Be Assigned

) Art Unit No.: To Be Assigned

Reissue Application No.: To Be Assigned)

Patent No.: 5,996,431)

Issue Date: Dec. 7, 1999)

For: TWIST ACTION FRICTION DRIVE)

LETTER ACCOMPANYING NEW REISSUE APPLICATION

Honorable Director of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a new reissue application for U.S. Patent No. 5,996,431 seeking broadened claims and a correction of the drawings.

Claims 1-17 are pending in the present reissue application with claim 1 as the sole independent claim. Upon acceptance of this application, independent claim 1 will stand amended as is apparent from the physically incorporated amendment in claim 1. Applicant seeks to delete "relative to the drive bar" from claim 1 for reasons that are apparent from the patentee's Declaration. Support for this amendment to claim 1 is found throughout the specification and more particularly at column 2, lines 31-36. Further, Applicant takes this opportunity to correct typographical errors found at column 1, line 9 and 34 as is apparent from the physically incorporated markings.

Similarly, applicant seeks to correct Figure 1 of the drawings to further adding additional

reference numerals for the driving head 10, control unit 15, tachometer 17, hydrostatic bearings 20, oil return passage 22 and the corrugated axially extensible tube 40. The changes further included a representation of the control unit 15. Pursuant to 37 CFR §1.173(b)(3), attached is a sketch showing the proposed changes in red for approval by the Examiner.

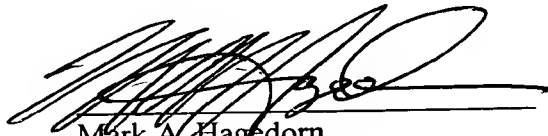
Applicant respectfully submits that the present application and claims patentably define applicants invention, therefore, allowance and issue thereof is respectfully requested.

The Director is hereby authorized to charge payment of any additional fees required to complete the filing of this Application, or credit any overpayment involved, to the Deposit Account No. 12-0913 of the firm of the undersigned Attorney.

Respectfully submitted,

Date:

Nov. 30, 2001



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